

METHOD FOR IDENTIFYING A SIGNAL SOURCE

ABSTRACT OF THE DISCLOSURE

A method for identifying a signal source in a predetermined space, the method including inventorying a set of identified signatures corresponding to a plurality of signal sources and recording a signal simultaneously at different locations of the predetermined space. Parameters related to the conditions under which the recordings are made are then stored, and a spectrum of the signal is determined. The method also includes detecting a line emerging from background noise of the spectrum by using a predetermined emergence threshold. The line is then compared with some or all of the signatures included in the set of identified signatures, and at least one signature corresponding to the line is selected to create at least one signature/line pair. Finally, a source of the signal is identified based on the selecting step.